

NMFT2.E116949

Motor Controllers, Mechanically-operated and Solid-state - Component

Motor Controllers, Mechanically-operated and Solid-state - Component

Guide Information

CRYDOM LTD

E116949

SALISBURY HOUSE, 3RD FL
ST HELLER, UNION ST
JERSEY JE2 3RF
CHANNEL ISLANDS, UNITED KINGDOM

Motor controller for use in industrial control equipment, Models A, D, HA or HD followed by 1202, 1210, 1225, 1240, 2402, 2410, 2425, 2440, 2450, 2475, 4808, 4812, 4825, 4840, 4850, 4875, maybe followed by E, may be followed by P. Model D followed by 4808, 4812, 4825, 4840, 4850 or 4875, followed by C. Model CY4414; Models CL2631GP, CL2671, 4D1210; Models D2425-4899, D2440-10-5027 all models may be followed by one or more of the following suffixes -B, -C, -E, -F, -FC, -G, -H, -J, -K, -L, -M, -N, -P, -Q, -R, -S, -U, -1, -2, -3, -9, -10, -11, -12, -13, -14, -15, -16, -17, -20 or a 4 digit suffix; Models A24, D24, HA48 or HD48 followed by J or K, may be followed by -10; Models -5611, -5612 and -5613.

Model H, followed by 10 or 12, followed by D4850 or D4890. Model H, followed by 12, followed by CA or CD, followed by 4850 or 4890, may be followed by L, V or VL, may be followed by P. Model H, followed by 10 or 12, followed by WD, followed by 4850 or 4890, may be followed by P. Model D, followed by 4890, followed by C.

Model A or D or HA or HD, followed by 24 or 48, followed by 90, may be followed by E, may be followed by -10. All models may be followed by additional numbers and/or letters; Models A24L, D24L, HA48L, HD48L, may be followed by -10.

Models TA or TD followed by 1205, 1210, 1225, 2405, 2410, 2425 or 4825. All models may be followed by one or more of the following suffixes: -B, -C, -E, -F, -FC, -G, -H, -J, -K, -L, -M, -N, -P, -Q, -R, -U, -1, -2, -3, -10, -11, -12, -13, -14, -15 or -16, may be f/b a four digit suffix; Models TL110, TL210, TC-2623.

Models S4, followed by 1, 2, 3 or 4, followed by 0, 1, 2 or 3, may be followed by -1 or -N, may be followed by additional numbers and/or letters.

Model CS3933.

Model SMR, followed by 24, followed by 25, 50, 75 or 90; Model CY5712, may be followed by additional numbers or letters.

Motor controllers electronic for use in electronic data processing and similar equipment, Models S312, S3012, S3012A, S322, S3022, S3022A, S3714, S3724.

Models S218, S228, S228A, S2115, S2215.

Models SA2440-10, SD2440-10, SE2440-10, CY3303.

Models 61, 62, followed by 0 or 3, followed by 1, 1a, 2 or 2a. Models IDC-5, -5B, -5G, -15, IAC-5, -5A, -15, -15A. Models 63, 64 followed by 0, 1, 2, 4 or 5, followed by 1 or 2, may be followed by A. Models ODC-5, OAC-5, -5A. Model DMP, followed by 61, 62, 63 or 64, followed by 01 or 02, followed by A.

Motor controllers for use in industrial control equipment. Models CSE2410, CSE2425, CSE2450, CSE2475, CSE2490, CSD2410, CSD2425, CSD2440, CSD2450, CSD2475, CSD2490, CTD2410, CTD2425, CSW2410, CSW2425, CSW2450, CSW2475, CSW2490. All models may be followed by suffixes or any alphanumeric.

Models CX, MCX, CXE, MCXE, followed by 240, 380 or 480, followed by A5 or D5, may be followed by a 4 digit suffix, may be followed by R; Model CX240A5-6529 ; Models PX, MPX, followed by 240, followed by A5 or D5, may be followed by a 4 digit suffix, may be followed by R, may be followed by additional numbers or letters; Models CY6285, CY6287, CY6155.

Models DSD, DLD, followed by 24, followed by 10, 25 or 50, may be followed by additional numbers or letters.

Miscellaneous motor controller, Models D2425D or D2440D, may be followed by -10, may be followed by 4 additional numbers; Models D2440D-10-5123, D2440D-10-5124.

Model H12D4825D or H12D4840D, may be followed by -10, may be followed by 4 additional numbers, may be followed by additional numbers or letters; Models CY5942, CY5947, CY5897, CY6152, CY6152/1, CY6152/2, CY6152/3, CY6152/4, CY6700, CY6700/4, CY6559.

Series E, followed by 120, 240, 380 or 480, followed by A or D, followed by 10, 12, 25, 40, 45, 50 or 80, may be followed by N.

Model D42E-2S87.

Model SST120 or SST240; Model 10, 25 or 50, followed by SST, followed by 120 or 240, may be followed by additional numbers or letters.

Models TD2420Q, TD2420QCT or TD24QJ, may be followed by 10, may be followed by additional numbers.

Solid state relays, Model CM, followed by A or D, followed by 24, 48 or 60, may be followed by 25, 50, 75 or 90, may be followed by -E or -10. All models may be followed by additional numbers and/or letters.

Model CSD Series with suffix P.

Series CW, followed by A or D, followed by 24 or 48, followed by 10, 25, 50, 75, or 90, may be followed by -10. May be followed by additional numbers and/or letters .

Marking: Company name and model designation.

This page and all contents are Copyright © 2004 by Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2004 Underwriters Laboratories Inc.®"

NMFT2.GuideInfo

Motor Controllers, Mechanically-operated and Solid-state - Component

[Industrial Control Equipment - Component] (Motor Controllers - Component) Motor Controllers, Mechanically-operated and Solid-state

Guide Information

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UNDERWRITERS LABORATORIES INC.

GENERAL

This category covers flow-operated switches, liquid-level controls, machine-operated switches, soft starters, solid-state contactors, solid-state relays, and solid-state speed controls .

REBUILT PRODUCTS

This category also covers mechanically-operated and solid-state motor controllers and their accessories that are rebuilt by the original manufacturer or another party having the necessary facilities, technical knowledge and manufacturing skills. Rebuilt mechanically-operated and solid-state motor controllers and their accessories are rebuilt to the extent necessary by disassembly and reassembly using new or reconditioned parts. Rebuilt mechanically-operated and solid-state motor controllers and their accessories are subject to the same requirements as new mechanically-operated and solid-state motor controllers and their accessories.

CONDITIONS OF ACCEPTABILITY

Consideration is to be given to the Conditions of Acceptability specified in the individual Recognitions when these components are employed in the end-use equipment.

ADDITIONAL INFORMATION

For additional information, see Motor Controllers ([NJOT2](#)).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 508, "Industrial Control Equipment."

NJOT2.GuideInfo Motor Controllers - Component

[Industrial Control Equipment - Component] Motor Controllers - Component

Guide Information

This category covers the following component devices: auxiliary devices, float- and pressure-operated motor controllers, magnetic motor controllers, manual motor controllers, miscellaneous apparatus and miscellaneous motor controllers.

Component motor controllers provided with motor running overcurrent protection may be protected against overcurrent due to short-circuit or grounds by fuses having ratings not exceeding four times the full load current of the motor with which they are intended to be used, except component motor controllers which may be protected only by fuses having ratings less than four times the full load current of the motor with which they are intended to be used are marked with the limit of fuse protection.

Unless otherwise marked, motor controllers provided with motor running overcurrent protection are suitable for use on circuits having available fault currents not greater than:

Rating HP	RMS Symmetrical Amps
1 or less	1,000
1-1/2 to 50	5,000
51 to 200	10,000
201 to 400	18,000
401 to 600	30,000
601 to 900	42,000
901 to 1600	85,000

This page and all contents are Copyright © 2004 by Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories

Online Certifications Directory - Notice of Disclaimer

By accessing these Listings, Designs, Constructions, Systems, and Assemblies, the user acknowledges and accepts the terms and conditions upon which this service is made available.

THIS INFORMATION AND ALL RELATED MATERIALS, SUPPORT, AND SERVICES ARE MADE AVAILABLE BY UL FOR USE ONLY BY USERS FOR THEIR INTERNAL PURPOSES AND IS "AS IS," WITHOUT ANY REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

UL cannot and does not warrant that this information is current, accurate, or complete. This database contains the names of companies who have qualified to use the UL Mark and those products for which samples have been evaluated by UL and judged to be eligible for Listing. The manufacturer is not obligated to label all of his production. Accordingly, the appearance of a company's name or product in this database does not in itself assure those products are covered under UL's Listing and Follow-Up Service. Only those products bearing the appropriate UL Mark should be considered covered under UL's Listing and Follow-Up Service. Any reproduction or re-transmission of this information is prohibited unless reproduced or re-transmitted in its entirety, including this Notice of Disclaimer.

UL does not permit hyperlinking to this website without its express prior written consent and the execution of a *hyperlinking agreement*.